AMENDMENTS TO THE CLAIMS:

Upon entry of the present amendment, the status of the claims will be as is shown below. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A light source apparatus for an endoscope, comprising:

a main light source;

a light guide member whose incident end face is opposed to the main light source ~~and which guides~~ to guide light incident thereon to an emission end face thereof;

an auxiliary light source ~~which~~ that is activated to emit light when no light is emitted from the main light source, and ~~which is~~ that is supported to move between a stand-by position in which the auxiliary light source is located out of a main light path between the main light source and ~~the~~ an incident end face of the light guide member and an operative position in which the auxiliary light source is located in the main light path and is opposed to the incident end face of the light guide member when the main light source is inoperative; and

an auxiliary light source emission ~~control means for driving~~ controller that drives the auxiliary light source at one of a continuous emission mode to emit light of a predetermined intensity ~~or at~~ and an intermittent emission mode to emit light of an intensity higher than the predetermined intensity.

2. (Currently Amended) ~~A~~ The light source apparatus ~~for an endoscope according to~~ of claim 1, wherein the light source apparatus is used with an endoscope

processor to which one of an electronic endoscope ~~or~~ and a fiber scope can be mounted, and wherein said auxiliary light source emission ~~control means~~ controller drives the auxiliary light source to emit light intermittently in synchronization with an image pickup operation of an image pickup ~~means~~ device of the electronic endoscope when the electronic endoscope is connected to the endoscope processor and drives the auxiliary light source to emit light continuously when the fiber scope is connected to the endoscope processor.

3. (Currently Amended) ~~A~~ The light source apparatus ~~for an endoscope according to~~ of claim 2, wherein said auxiliary light source emission ~~control means~~ controller drives the auxiliary light source to emit light intermittently in synchronization with a vertical synchronizing signal to drive the image pickup ~~means~~ device.

4. (Currently Amended) ~~A~~ The light source apparatus ~~for an endoscope according to~~ of claim 1, wherein the auxiliary light source ~~is made of~~ comprises an LED, and said auxiliary light source emission ~~control means~~ controller drives the LED at a constant current smaller than an absolute maximum rated value of a forward current of the LED when the continuous emission is carried out, and drives the LED at a pulse current of which a crest value is higher than the absolute maximum rated value of the forward current when the intermittent emission is carried out.

5. (Currently Amended) ~~A~~ The light source apparatus ~~for an endoscope according to~~ of claim 1, further comprising a selection switch ~~means for selecting~~ that selects the intermittent emission of the auxiliary light source at one of a pulse current ~~or~~ and the continuous emission thereof through the auxiliary light source emission ~~control means~~ controller.

6. (Currently Amended) ~~A~~ The light source apparatus ~~for an endoscope according to~~ of claim 1, further comprising a sensor ~~means for detecting~~ that detects whether an electronic endoscopes having the light guide member is mounted ~~or the electronic endoscope is mounted~~ to an endoscope processor, wherein said auxiliary light source emission ~~control means~~ controller drives the auxiliary light source at a pulse current when ~~it is detected by~~ the sensor ~~means~~ detects that an electronic endoscope having the light guide member is mounted.